

Title (en)  
AIR-GUIDING DEVICE FOR LORRIES AND TOWING VEHICLES

Publication  
**EP 0349746 B1 19930317 (DE)**

Application  
**EP 89109189 A 19890522**

Priority  
DE 3823161 A 19880708

Abstract (en)  
[origin: EP0349746A2] Technical object Reduction of the coefficient of air resistance with economically optimised measures in a range of vehicles with different dimensions with simultaneous evaluation in terms of design of the entire vehicle. Solution of the technical object In heavy goods vehicles, in particular articulated lorries, having driver's cabins with different outer dimensions and semitrailers of different heights, a uniform, enclosed appearance with identical flow conditions is obtained by means of an air-guiding device at the junction between driver's cabins of different dimensions and semitrailers (2) of different heights connected thereto, using a kit of junction elements which complement each other in terms of streamlining and design, consisting of an air-guiding wing (5) which is arranged mainly on the rear part of the driver's cabin roof (3) is height adjustable and of uniform dimensions for all driver's cabin types, of uniform air-guiding plates (6a,6b) mounted adjustably (17) on the sides of the rear wall of the driver's cabin (4) and of uniform intermediate elements (7a,7b,8a,8b) arranged between the air-guiding wing (5) and driver's cabin roof (3) as well as between the air-guiding wing (5) and air-guiding plates (6a,6b) and connecting the latter. Heavy goods vehicles, in particular articulated lorries. <IMAGE>

IPC 1-7  
**B62D 35/00**

IPC 8 full level  
**B62D 35/00** (2006.01)

CPC (source: EP)  
**B62D 35/001** (2013.01)

Citation (examination)  
"Scania: a complete range of Tractors" EGB 1288.03.85 und "Mercedes-Benz 1635s, 2035s & 1644s 38-Tonne "Powerliner" Tractor-Units, Oktober 1986

Cited by  
NL2024389B1; FR2745779A1; GB2393694A; GB2393694B; FR2769572A1; EP1043218A1

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DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0349746 A2 19900110; EP 0349746 A3 19900502; EP 0349746 B1 19930317;** DE 3823161 A1 19900111; DE 3823161 C2 19910214; DE 58903785 D1 19930422; ES 2012308 A4 19900316; ES 2012308 T3 19931016

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